



*To speak with an
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AN ENERGY STAR BUILDINGSSM AND GREEN LIGHTS[®] CASE STUDY FOR Milwaukee, WI Public Schools

Project Director
Thomas J. Chojnacki,
Manager of Environmental Services

Partner Since
1997

Total Committed
Square Footage
18 million

Location
Milwaukee, WI

"When we implemented the lighting retrofits throughout our schools, we received tremendous positive feedback from teachers and students about the quality of the lighting in the classrooms. We are now exploring the use of the technical expertise available to us from ENERGY STAR BuildingsSM and Green Lights[®] as we continue to upgrade our systems."

– Tom Chojnacki,
Manager of Environmental Services

Milwaukee Public Schools faced a large challenge in upgrading all 158 of its facilities with energy-efficient technologies. Despite the size of the project, the school district completed lighting upgrades in all of its facilities within a year of joining EPA's ENERGY STAR BuildingsSM and Green Lights[®] Partnership. As a result of the upgrades, the school district enjoys annual energy savings of more than \$825,000.

The district funded its upgrades by forming an agreement with the city that allowed group ownership of school sites. Under the agreement, the city purchases old buildings and leases the space to the school district with the stipulation that the district renovate the space. The school district uses the savings from energy-efficiency upgrades to offset the costs of renovating the buildings to their original state.

One of the school district's successful renovation projects is the Golda Maier Elementary School which was restored to 1910 mint condition and includes

		Progress to Date
Project Costs	Total Expenditures	\$8.7 million
	Dollars Per Square Foot	\$1.42
	Total Square Footage Upgraded	6 million
	Percent Upgraded	xx%
Cost Savings	Annual Dollar Savings	\$827,000
	Dollar Savings Per Square Foot	\$0.14
	Internal Rate of Return (IRR)	7%
Energy Savings	Annual kWh Savings	13.2 million
Pollution Prevention	Annual Carbon Dioxide (lbs.)*	26 million
	Equivalent Cars off the Road	2,600
	Equivalent Acres of Trees Planted	xxxx





custom-made energy-efficient windows that match the original windows. By using the tools available to them as an ENERGY STAR Buildings Partner, Milwaukee Public Schools is able to preserve some of the city's architectural heritage while ensuring energy savings and a comfortable learning environment.

